

San Joaquin Valley Unified Air Pollution Control District

PERMIT UNIT: C-904-25-1

EXPIRATION DATE:

11/30/2002

EQUIPMENT DESCRIPTION:

55 BHP JOHN DEERE, MODEL 3179DF, IC ENGINE, DIESEL FIRED, SN 594171CD, DRIVING AN INGERSOL RAND, MODEL P1660WJD, AIR COMPRESSOR, SN 136552U84179. INSTALLED IN 1984.

Permit Unit Requirements

1. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed in concentration at the point of discharge 0.1 gr/dscf. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
3. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)] Federally Enforceable Through Title V Permit
4. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
5. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
6. Records of operating hours shall be kept for units operating less than 200 hours per year. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
7. On all units which are not emergency or backup IC engines operating less than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for

particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

8. Test results from an engine that represents a group of engines in terms of rated brake horsepower, engine make and series, operational conditions, fuel used, and control method, shall satisfy testing requirements provided this group of engines is owned and operated by a single owner/operator. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

9. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2] Federally Enforceable Through Title V Permit

10. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

11. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

12. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

13. This equipment shall only be operated at this stationary source and along the adjoining pipeline right-of-way. [District Rule 4102]

14. Permittee shall notify the District Compliance Division of each right-of-way location at which operation is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the new location. [District Rule 4102]

15. Permittee shall maintain accurate records of hours of operation at each location. These records shall be retained for at least two years and shall be made available to the District upon request. [District Rule 4102]

16. Except for emergency operations, this unit shall not be operated within 1,000 feet of any K-12 grade school boundary, unless the public and student notification requirements of CH&SC Section 42301.6 have been satisfied. [District Rule 4102]